

Claims

1. Method for providing voice channel-related functions in a telecommunications network

characterized in that

- 5 first voice channel-related functions which are seldom used are provided centrally by a dialog device (3), and in that
second voice channel-related functions which are used frequently are provided non-centrally by a multiplicity of announcement devices (4a, 4b, 4c).

- 10 2. Method according to Claim 1

characterized in that

the first and second voice channel-related functions are controlled centrally.

3. Method according to Claim 1 or 2

- 15 characterized in that

the first voice channel-related functions comprise complex dialog functions, simple dialog functions, tones, and/or announcements and in that the second voice channel-related functions only comprise tones, announcements, and/or simple dialog functions.

- 20 4. Method according to Claim 1, 2 or 3

characterized in that

the first voice channel-related functions are transmitted over a first data transmission network (5) and in that the second voice channel-related functions are transmitted over the first and/or a second data

- 25 transmission network (5, 6).

5. Method according to Claim 4

characterized in that

a packet-switched data transmission network (5) is employed as the first data transmission network and in that a circuit-switched data

- 30 transmission network is employed as the second data transmission network (6).

6. Method according to Claim 4 or 5
c h a r a c t e r i z e d i n t h a t
the second data transmission network (6) is the public telephone net-
work and in that the first data transmission network (5) is an IP-
5 based data transmission network.

7. Method according to one of the Claims 4 to 6
c h a r a c t e r i z e d i n t h a t
the second voice channel-related functions are provided in each case
by means of an announcement device (4a, 4b) located in each case in a
10 network interworking node (2a, 2b) between the first and second data
transmission network (5 and 6).

8. Telecommunications network for implementing the method according to
one of the Claims 1 to 7 with
a dialog device (3) for centrally provisioning first voice channel-
15 related functions which are seldom used,
a multiplicity of announcement devices (4a, 4b) for non-centrally pro-
visioning second voice channel-related functions which are used fre-
quently, and
a central control (1) for controlling the functions of the dialog de-
20 vice (3) and announcement devices (4a, 4b).

9. Telecommunications network according to Claim 8
c h a r a c t e r i z e d i n t h a t
the announcement devices (4a, 4b) provide the voice channel-related
functions for both a circuit-switched data transmission network (5)
25 and a packet-switched data transmission network (6).

10. Telecommunications network according to Claim 8 or 9
c h a r a c t e r i z e d i n t h a t
the announcement devices (4a, 4b) are implemented in a network inter-
working node (2a, 2b) between the first data transmission network (5)
30 and second data transmission network (6).

11. Telecommunications network according to Claim 8, 9 or 10
c h a r a c t e r i z e d i n t h a t

the dialog device (3) is implemented in a switching center for the second data transmission network (6) or is controlled by said switching center as external equipment of the second data transmission network (6).